

Converting Colors

XYZ(17.2932, 21.2465, 92.2501)

Have a look what the booklet for
XYZ(17.2932, 21.2465, 92.2501)
contains.

XYZ(26.6163, 26.1233, 92.4464)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.6163, 26.1233,
92.4464)**

Conversions

Conversions Part 1

Format	Color
Hex	008EF8
RGB	0, 142, 248
RGB Percent	0%, 56%, 97%
CMY	0.9997, 0.4431, 0.0274
CMYK	1.00, 0.43, 0.00, 0.03
HSL	206°, 100%, 49%
HSV	206°, 100%, 97%
XYZ	26.6163, 26.1233, 92.4464
YIQ	111.6260, -118.6580, 2.8620

Conversions

Conversions Part 2

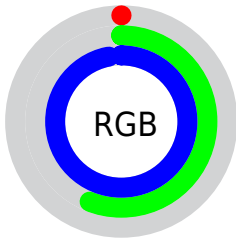
Format	Color
R _Y B	0, 90, 248
Decimal	36600
CIE Lab	58.15, 7.49, -61.53
CIE LCh	58, 61.985, 276.941
Yxy	26.1233, 0.1833, 0.1799
Android (android.graphics.Color)	4278226680 (0xFF008EF8)
YUV	111.6260, 67.2324, -97.8960
Hunter-Lab	51.1110, 3.5106, -71.4625

Details

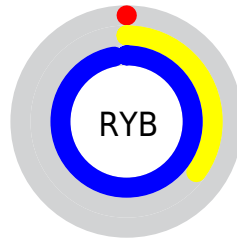
The XYZ color **26.6163, 26.1233, 92.4464** is a dark color, and the websafe version is hex **3399FF**. The color can be described as dark saturated azure. A complement of this color would be **43.8738, 30.2803, 3.5344**, and the grayscale version is **15.1333, 15.9214, 17.3384**.

A 20% lighter version of the original color is **43.9955, 49.5652, 101.8560**, and **13.3183, 11.5903, 50.8254** is the 20% darker color. If you saturate the color by 10%, you get **26.6117, 26.1141, 92.4455**, and if you desaturate by 10%, it is **28.6677, 29.6355, 93.0168**.

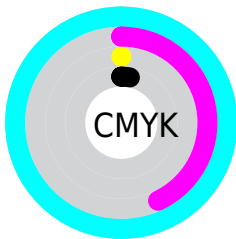
Distribution



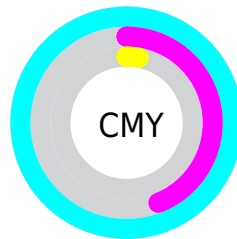
- Red (0%)
- Green (56%)
- Blue (97%)



- Red (0%)
- Yellow (35%)
- Blue (97%)



- Cyan (100%)
- Magenta (43%)
- Yellow (0%)
- Black (3%)



- Cyan (100%)
- Magenta (44%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6163, 26.1233, 92.4464 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.6163, 26.1233, 92.4464 by changing the saturation by 10% instead.

■ 26.6163, 26.1233,
92.4464

■ 26.6163, 26.1233,
92.4464

277.9960,
283.3868, 556.7313

■ 17.4204, 16.9159,
69.4264

■ 53.6918, 53.4738,
152.6970

■ 10.6318, 10.1746,
50.5851

■ 72.3020, 72.3857,
190.7646

■ 5.8853, 5.5148,
35.5041

■ 94.7811, 95.3012,
234.6852

■ 2.8154, 2.5524,
23.7648

■ 121.4943,
122.6047, 284.8773

■ 1.0569, 0.9028,
14.9486

■ 152.8071,
154.6806, 341.7594

■ 0.0000, 0.0000,
8.6371

189.0847,

■ 0.0000, 0.0000,

191.9134, 405.7501

4.4117

230.6926,
234.6873, 477.2679

■ 0.0000, 0.0000,
1.8538

■ 0.0000, 0.0000,
0.4631

■ 26.6163, 26.1233,
92.4464

■ 26.6163, 26.1233,
92.4464

■ 26.6117, 26.1141,
92.4455

■ 28.6677, 29.6355,
93.0168

■ 31.3768, 33.7152,
93.6615

■ 34.9036, 38.4510,
94.3897

■ 39.3456, 43.8986,
95.2071

■ 44.7853, 50.1058,
96.1185

■ 51.2950, 57.1150,
97.1283

■ 58.9398, 64.9649,
98.2406

■ 67.7792, 73.6910,
99.4590

■ 77.8685, 83.3265,
100.7871

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



19.5903, 26.1233, 86.0142



26.6163, 26.1233, 92.4464



34.5621, 26.1233, 75.9774

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.6163, 26.1233, 92.4464



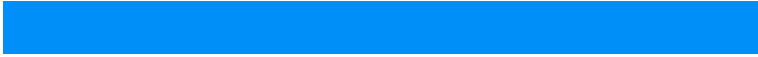
38.2570, 26.1233, 10.1214



13.7687, 26.1233, 15.1221

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.6163, 26.1233, 92.4464



43.8738, 30.2803, 3.5344

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



17.1204, 26.1233, 6.5360



26.6163, 26.1233, 92.4464



30.9281, 26.1233, 4.8341

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.6163, 26.1233, 92.4464



42.1066, 26.1233, 23.7316



23.1243, 26.1233, 3.9702



13.0732, 26.1233, 33.7419

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.6163, 26.1233, 92.4464



39.0106, 26.1233, 57.5064



23.1243, 26.1233, 3.9702



14.5837, 26.1233, 11.3184

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.6174, 26.1241, 92.4471



62.7241, 69.1424, 104.6476



36.0357, 68.1226, 24.1812



12.6579, 14.0202, 22.2890



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.6174, 26.1241, 92.4471



28.3251, 27.7702, 98.4750



17.2077, 7.3045, 89.3105



17.1080, 18.2929, 22.0145



14.5176, 14.3908, 49.9861



1.4497, 1.5432, 4.6646

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43.5950, 21.9112, 27.5230



46.4264, 23.3346, 29.2412



66.2743, 75.0812, 11.0012



17.6611, 17.3918, 20.0709



23.6199, 11.8637, 15.2385



2.2407, 1.1200, 1.6909

Previews

White Background



This preview shows how the XYZ color 26.6163, 26.1233, 92.4464 looks on a white background.

Color Contrast Check

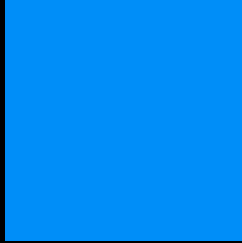
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.6163, 26.1233, 92.4464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

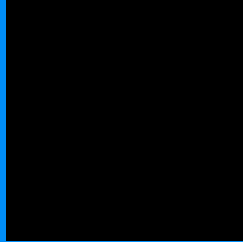
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

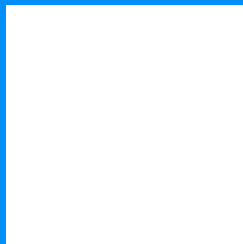
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6163, 26.1233, 92.4464

Background



This preview shows how black text looks on a background with the XYZ color 26.6163, 26.1233, 92.4464.



This preview shows how white text looks on a background with the XYZ color 26.6163, 26.1233,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.6163, 26.1233, 92.4464

Protanopia

29.0054, 25.9629, 87.4870

Deuteranopia

27.0638, 26.1341, 92.4249



Tritanopia

18.3471, 25.8278, 39.6156

Trichromacy



Original Color

26.6163, 26.1233, 92.4464

Protanomaly

27.1625, 25.6082, 89.0992

Deuteranomaly

26.7566, 25.9758, 92.4105

Tritanomaly

20.7567, 25.7528, 55.5066

Monochromacy



Original Color

26.6163, 26.1233, 92.4464

Achromatopsia

15.4009, 16.2029, 17.6450

Achromatomaly

16.1145, 18.0787, 36.3584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6163, 26.1233, 92.4464 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(0, 142, 248)` looks like.

```
.text, #text, p{  
    color:rgb(0, 142, 248)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(0, 142, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 142, 248) }
```

Border

The CSS property to change the border of an element to XYZ 26.6163, 26.1233, 92.4464 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(0, 142, 248) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(0, 142, 248) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(0, 142, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 142, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 142, 248);  
box-shadow:4px 4px 4px 4px rgb(0, 142,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6163, 26.1233, 92.4464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 142, 248) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(0, 142,  
248) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor